...TACAGGACTTACTGA... genome

reads

CAGGACTTA
AGGAC**G**TAC ← **sequencing error**
AGGACTTAC
GGACTTACT

CAGGA → AGGAC → GGAC**G** → GAC**G**T → AC**G**TA → C**G**TAC

GGACT → GACTT → ACTTA → CTTAC → TTACT